

This application is for Bay Area high school students who want to spend their summer working in Earth and environmental research labs. For information about this program, go to <https://earth.stanford.edu/academics/outreach-programs/k12-programs/high-school-internships>

Stanford Earth Young Investigators 2019

Deadline: 03/15/2019

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Forms

Educational Information - HS

1. **High School Name and City**

2. **What is your current grade level?**

3. **What year do you expect to graduate from high school?**

4. **What is your cumulative grade point average? 4.0 scale, unweighted**

We are NOT interested in your weighted GPA.

5. **Chemistry**

Please name the highest level course you have taken in this area, the grade level when you took the course, and the grade you earned. If you haven't taken a course in an area, write N/A.

6. **Physics**

Please name the highest level course you have taken in this area, the grade level when you took the course, and the grade you earned. If you haven't taken a course in an area, write N/A.

7. **Biology**

Please name the highest level course you have taken in this area, the grade level when you took the course, and the grade you earned. If you haven't taken a course in an area, write N/A.

8. **Math**

Please name the highest level course you have taken in this area, the grade level when you took the course, and the grade you earned. If you haven't taken a course in an area, write N/A.

9. **Computer Science**

Please name the highest level course you have taken in this area, the grade level when you took the course, and the grade you earned. If you haven't taken a course in an area, write N/A.

10. **Earth Sciences or Environmental Sciences**

Please name the highest level course you have taken in this area, the grade level when you took the course, and the grade you earned. If you haven't taken a course in an area, write N/A.

Program Choice and Commitment - HS

1. **Which options do you want to be considered for?**

If you are unsure of the expectations, please read the information at <https://earth.stanford.edu/academics/outreach-programs/high-school-internships/faq>

Each option has different subject matter and expectations of the participants.

2. **Program Commitment: By submitting my application, I am making a commitment to fully participate in Stanford Earth Young Investigators.**

To acknowledge that you are committed, please check each box as you think about what you are committing to.

3. **What is your first choice?**

4. **What is your second choice?**

Please only select a second choice if you are interested in that choice. A second choice is not required.

Essays and Question - HS

1. **Why you would like to be a Stanford Earth Young Investigator this summer? Tell us about your interest in science, especially Earth and environmental sciences. How do you think the internship will help you in ways other than getting into college?**

This is your chance to tell us about your passion for and accomplishments in science and math.

Write about the classes, summer camps, research experiences, and math and science competitions, etc. that you have participated in. How have these experiences inspired you or will help you as an intern? We want to know about your interests and capabilities (do you know C++?) in science. Your essay should be about 400-800 words. This is the most important part of your application. Please upload the essay as in PDF format.

2. **Short Essay - choose one of the following questions and write a short essay about it. Up to 400 words. Please upload the essay as in PDF format.**

Write a short essay about your favorite place on Earth. Discuss your connection to the place and what scientific questions you have about it.

3. **What is your favorite science area? Why?**

4. **Please read what past interns thought about their experiences in their blog posts. What did you learn from reading at least three blogs? What got you excited? Write about your reaction to what previous interns wrote about. Feel free to include quotes from the blog posts..**

Farm, Geology & Environment: <https://stanfordearthinterns.wordpress.com/>; Biodiversity: <https://historyoflife.stanford.edu/blogs> AND https://github.com/naheim/SEYI_2018#interns-blogs

DEMOGRAPHIC and CONTACT INFORMATION - HS

1. **Date of Birth**

2. **Gender**

3. **Select ethnic group(s) you most closely identify with:**

You must select a group if you apply for the diversity honorarium (next page).

4. **Are you the first in your immediate family to attend college?**

(excluding your siblings)

5. **Citizenship**

We accept scholars who are US Citizens, Permanent Residents or DACA applicants who live in the San Francisco Bay Area. We do NOT accept anyone who does NOT fit these criteria.

6. **Where in the bay area do you live?**

Applicants must live within about 25 miles. We will accept applications from students living in San Francisco, on the peninsula in San Mateo County south through San Jose and Los Gatos, and in the East Bay from San Leandro south to Milpitas. Students coming from further away complain that the commute is too much and it impacts their experience negatively.

7. Cell Phone Number

8. Home Phone Number

Diversity Honorarium - HS

1. Are you eligible for the diversity honorarium?
2. Are you from an underrepresented group in science (Hispanic, African American, Native American, or Pacific Islander)? If yes, which group?
3. Are you from a low-income household?
4. If you are from a low-income household and want to be considered for the diversity honorarium, what is your approximate annual household income?
5. How does being from a "diverse" group (underrepresented group in science or low income household) effect your view of yourself working in science? What are the challenges you foresee pursuing a career in science? How do you think your "diversity" affects your interest in or perspective of science?

Please write an essay to address the above questions. This essay should be about 200-400 words. Upload a pdf named "Lastname_Firstname_diversity.pdf".

References

Applicant will be asked to provide exactly 1 reference.

References will be accepted up to 10 days after the program deadline.

Recommenders will be allowed to enter text or upload PDF files.

Applicant instructions:

You are required to have one recommendation letter submitted for you. Please provide the following information so that we can contact your teacher or mentor directly. S/he will be requested to upload text or a pdf of a letter of reference by Sunday March 24, 2019. You should talk to your teacher before you submit her/his name.

Please copy following into the message section:

I am applying for the Stanford Earth Young Investigators. This is a summer internship where high school students spend 15-30 hours per week support on-going scientific research for 8 weeks. <https://earth.stanford.edu/academics/outreach-programs/k12-programs/high-school->

internships .

The program requires a letter of recommendation that addresses the potential success as an intern in a science laboratory. Please provide information that describes my scientific strengths and weaknesses, my ability to work alone and in teams, my maturity, and my interest in Earth and environmental sciences.

Recommender instructions:

Your student has applied to Stanford Earth Young Investigators. This program provides high school students the opportunity to work side-by-side with Earth and environmental scientists. Students spend 15-30 hours per week for 8 weeks supporting current research in Earth sciences. You can find out more at <https://earth.stanford.edu/academics/outreach-programs/k12-programs/high-school-internships>.

We ask for a letter of recommendation from a teacher or mentor who can share what they know about a student's potential success as an intern in a science laboratory. Please provide a letter of support for the applicant that addresses her/his scientific strengths and weaknesses, ability to work in teams, enthusiasm, maturity, and interest in Earth and environmental sciences. Be sure to tell us how you are affiliated with the student.

You can upload a pdf or text. Whatever is easier for you.

Thank You! Please submit by Sunday March 24, 2019 or contact me.